

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
MAN03

In Re Application Of: **LEWIS**

Serial No.

Filing Date

**APRIL 13, 2004**

Examiner

Group Art Unit

Title: **MECHANICAL-TO-ACOUSTICAL TRANSFORMER AND MULTI-MEDIA FLAT FILM SPEAKER**

Address to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2121 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

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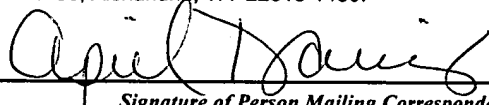
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I certify that this document and fee is being deposited on April 13, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Dated: April 13, 2004

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| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>   |     |  |          | Docket Number (Optional)<br><b>MAN03</b> |       | Application Number |                               |    |
|--|-----|--|----------|--|-------|--------------------|-------------------------------|----|
|  |     |  |          | Applicant(s)<br><b>LEWIS</b>             |       |                    |                               |    |
|  |     |  |          | Filing Date<br><b>APRIL 13, 2004</b>     |       | Group Art Unit     |                               |    |
| <b>U.S. PATENT DOCUMENTS</b>   |     |  |          |  |       |                    |                               |    |
| *EXAMINER<br>INITIAL   | REF | DOCUMENT NUMBER  | DATE     | NAME                                     | CLASS | SUBCLASS           | FILING DATE<br>IF APPROPRIATE |    |
|  | 1   | 5,608,282  | 3/4/97   | WILBER ET AL                             | 505   | 211                |                               |    |
|  | 2   | 5,767,612  | 6/16/98  | TAKEUCHI ET AL                           | 310   | 324                |                               |    |
|  | 3   | 5,867,302  | 2/2/99   | FLEMING                                  | 359   | 291                |                               |    |
|  | 4   | 4,352,961  | 10/5/82  | KUMADA ET AL                             | 179   | 110A               |                               |    |
|  | 5   | 5,652,801  | 7/29/97  | PADDOCK                                  | 381   | 190                |                               |    |
|  | 6   | 6,003,766  | 12/21/99 | AZIMA ET AL                              | 235   | 379                |                               |    |
|  | 7   | 5,283,835  | 2/1/94   | LEWIS S. ATHANAS                         | 381   | 190                |                               |    |
|  | 8   | 4,170,742  | 10/1979  | ITAGAKI ET AL                            | 310   | 324                |                               |    |
|  | 9   | 4,578,613  | 3/1986   | Posthuma de Boer et al                   | 310   | 800                |                               |    |
|  | 10  | 6,218,766  | 4/2001   | WARNAKA ET AL                            | 310   | 322                |                               |    |
|  |     |  |          |  |       |                    |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |     |  |          |  |       |                    |                               |    |
|  | REF | DOCUMENT NUMBER  | DATE     | COUNTRY                                  | CLASS | SUBCLASS           | Translation                   |    |
|  |     |  |          |  |       |                    | YES                           | NO |
|  |     |  |          |  |       |                    |                               |    |
|  |     |  |          |  |       |                    |                               |    |
|  |     |  |          |  |       |                    |                               |    |
|  |     |  |          |  |       |                    |                               |    |
|  |     |  |          |  |       |                    |                               |    |
| <b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>   |     |  |          |  |       |                    |                               |    |
|  | 11  | Harris, Neil, "The Distrubuted-Mode Loudspeaker (DML) as a Broad-Band Acoustic Radiator", Audio Engineering Society Preprint 4526 (D-6); Presented at the 103rd Convention 1997 September 26-29, New York. |          |  |       |                    |                               |    |
|  |     |  |          |  |       |                    |                               |    |
| EXAMINER   |     |  |          | DATE CONSIDERED                          |       |                    |                               |    |
| <b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |     |  |          |  |       |                    |                               |    |